

(Currently Amended) 1. A document management system comprising:

a document reading means for reading a single document having textual descriptions and at least a drawing having at least a graphic element assigned with an alpha-numeral designation, wherein said document reading means is further provided for converting said graphic element assigned with said alphanumerical-designation and said textual descriptions to a plurality of processor-recognized elements;

a search and link means for searching said processor-recognized elements and linking ~~each of said graphic elements assigned~~ said alpha-numeral designation with at least one associated segment of textual description including said alpha-numeral designation wherein said alpha-numeral designation linked to a naming term in said document; and

a display means for displaying said drawing with ~~each of said~~ naming-terms displayed immediately next to said graphic elements and said alpha-numeral designation assigned to said graphic element.

(Currently Amended) 2. The document management system of claim 1 wherein:

said search and link means for searching and linking said associated segment of textual description for ~~each of said alpha-numeral designation assigned to said graphic element~~ further includes a document-location-finder means for locating a column number, a page number, and a line-range number for said associated segment of textual description; and

said display means is further provided for displaying said column number, said page number, and said line-range number for said segment of textual description ~~for each of said graphic elements~~ next to said alpha-numeral-designation and said naming term immediately next to said graphic element.

(Currently Amended) 3. The document management system of claim 1 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term to invoke said search and link means for searching and linking said user-selected naming-term to an associated segment of textual description including said user selected naming term in said document and for displaying ~~a report of finding~~ said associated segment of textual description next to an associated graphic element assigned with a naming term related to said user selected naming-term.

(Currently Amended) 4. The document management system of claim 1 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term to invoke said search and link means for searching and linking said user-selected naming-term to an associated segment of textual description ~~and~~ including a naming term related to said user selected naming term assigned to an associated graphic element ~~related to said user-selected naming-term;~~ and

said display means is further provided for displaying a drawing having said user selected naming-term displayed immediately next to said associated graphic element.

(Currently Amended) 5. The document management system of claim 2 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term to invoke said search and link means for searching and linking said user-selected naming-term to an associated segment of textual description including a naming term related to said user selected naming term and an associated graphic element linked to said ~~related to said user-selected~~ naming-term for displaying said associated segment of textual description and a column number, a page number, and a line-range number, for said associated segment of textual description and at least a figure number of said associated graphic element.

(Currently Amended) 6. The document management system of claim 2 further comprising:

a user interface provided for allowing a user to input a user-selected alpha-numeral designation to invoke said search and link means for searching and linking said user-selected alpha-numeral designation to an associated segment of textual description including said user-selected alpha-numeral designation and a naming term associated with said alpha-~~number~~ numeral designation in said document; and

said display means is further provided for displaying at least a drawing having a graphic element linked by said user-selected alpha-numeral designation ~~and displayed for displaying~~ with said naming term associated with said user-selected alpha-numeral designation immediately next to said graphic element.

(Currently Amended) 7. A method of document management comprising:

- a) employing a document reading means for reading a single document having textual descriptions and at least a drawing having graphic elements each marked with an associated alpha-numeral designation or a graphic element naming term;
- b) converting said document including said graphic elements ~~with~~ and said alpha-numeral-designation or said graphic element naming-term to a plurality of processor-recognized elements
- c) employing a search and link means for searching said processor-recognized elements and linking each of said ~~graphic elements~~ alpha-numeral designation or said graphic element naming term with at least one associated segment of textual description including said alpha-numeral designation or said graphic element ~~linked to a~~ naming term in said document; and
- d) employing a display means for displaying said drawing with said naming-term ~~displayed~~ immediately next to said graphic element marked by said alpha-numeral designation or said graphic element naming term ~~each of said graphic elements~~.

(Currently Amended) 8. The method of document management of claim 7 wherein:

~~said step c) of employing said search and link means for searching and linking said associated segment of textual description for each of said graphic element~~ further includes a step of employing a document-location-finder means for locating a column number, a page number, and a line-range number for said associated segment of textual description; and

said step d) of employing said display means for displaying said naming term immediately next to said graphic elements further displaying said column number, said page number, and said line-range number for said segment of textual description for each of said graphic elements.

(Currently Amended) 9. The method of document management of claim 7 further comprising:

e) employing a user interface for allowing a user to input a user-selected naming-term to invoke said search and link means for searching and linking said user-selected naming-term to an associated segment of textual description in said document that includes said user selected naming term ~~and~~ for displaying said associated segment of textual description including said user selected naming term ~~in said document~~ immediately next to an graphic element associated with said user selected naming term.

(Currently Amended) 10. The method of document management of claim 7 further comprising:

e) employing a user interface for allowing a user to input a user-selected naming-term to invoke said search and link means for searching and linking said user-selected naming-term to an associated segment of textual description including said user-selected naming-term in said document; and

f) employing said display means for displaying a drawing ~~having~~ with said user-selected naming-term displayed immediately next to said graphic element.

(Currently Amended) 11. The method of document management of claim 7 further comprising:

e) employing a user interface for allowing a user to input a graphic element naming-term to invoke said search and link means for searching and linking said graphic element naming-term to an associated segment of textual description and for displaying said associated segment of textual description and a column number, a page number, and a line-range number for said associated segment of textual description immediately next to a graphic element associated ~~marked~~ with said graphic element naming term.

(Currently Amended) 12. The method of document management of claim 7 further comprising:

e) employing a user interface for allowing a user to input a user-selected naming-term to invoke said search and link means for searching and linking said naming-term to an associated segment of textual description for in said document including said user-selected naming-term; and

f) employing said display means for displaying at least a drawing and said associated segment of textual description immediately next to having a graphic element linked by said user-selected naming-term with said associated segment of textual description.

(Currently Amended) 13. A document management system for reading a single document having textual descriptions and at least a drawing consisted of graphic elements each designated with an alpha-numeral designation or a graphic element naming term associated with a naming term in said textual description in said single document, comprising:

a display means for displaying said drawing with said naming term included in said textual description in said single document displayed immediately next to each of said graphic elements.

(Currently Amended) 14. The document management system of claim 13 wherein:

said display means is further provided for displaying ~~for said user selected graphic element~~ a column number, a page number, and a line-range number along with said segment of textual description located in said document immediately next to said naming term.

(Currently Amended) 15. The document management system of claim 13 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term for searching and linking said user-selected naming-term to an associated segment of textual description in said single document including said user-selected naming term and at a figure number of an associated graphic element linked by said user-selected naming term for displaying said associated segment of textual description and said figure number of said associated graphic element.

(Currently Amended) 16. The document management system of claim 13 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term for searching and linking said user-selected naming-term to an associated segment of textual description in said single document including said user-selected naming term and an associated graphic element related to said user-selected naming-term for displaying said user selected naming term immediately next to said graphic element in said drawing.



(Currently Amended) 17. The document management system of claim 14 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term for searching and linking said user-selected naming-term to an associated segment of textual description in said single document including said user-selected term and for displaying said associated segment of textual description with a column number, a page number, and a line-range number for said associated segment of textual description in said document.

(Currently Amended) 18. The document management system of claim 14 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term for searching and linking said naming-term to an associated segment of textual description in said single document including said user-selected naming term and an associated graphic element related to said user-selected naming-term; and

said display means is further provided for displaying a drawing showing said associated graphic element with said associated segment of textual description and said column number, said page number, and said line-range number for said associated segment of textual description displayed immediately next to said graphic element.

(Currently Amended) 19. A method for reading and managing a single document having textual descriptions and at least a drawing consisted of graphic elements each designated with an alpha-numeral designation ~~associated with~~ designated by a naming term in said textual description of said single document, comprising:

employing a display means for displaying said drawing with said naming term included in said textual description in said single document displayed immediately next to each of said graphic elements.

(Currently Amended) 20. The method of reading and managing said document of claim 19 wherein:

said step of displaying said drawing further comprising a step of displaying immediately next to each of said graphic elements an associated segment of textual description including said naming term identified with said alpha-numeral designation in said textual description of said single document.

(Currently Amended) 21. The method of reading and managing said document of claim 19 further comprising:

employing a user interface for allowing a user to input a user-selected naming-term for searching and linking said user-selected naming-term to an associated segment of textual description including said user-selected naming term in said textual description of said single document and an associated graphic element related to said user-selected naming term for displaying a drawing ~~on said display means~~ said associated segment of textual description immediately next to said graphic element.